

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph starting on page 6, line 1 as follows:

In one embodiment of the present invention, applying term consistency involves symbolically manipulating an equation within the computer system to solve for a first term, $g(\underline{x'})g(\underline{x})$, thereby producing a modified equation $g(\underline{x'})g(\underline{x}) = h(\underline{x})$, wherein the first term $g(\underline{x'})g(\underline{x})$ can be analytically inverted to produce an inverse function $g^{-1}(y)$. Next, the system substitutes the subbox \mathbf{X} into the modified equation to produce the equation $g(\mathbf{X}') = h(\mathbf{X})$ and then solves for $\mathbf{X}' = g^{-1}(h(\mathbf{X}))$. The system then intersects \mathbf{X}' with the subbox \mathbf{X} to produce a new subbox \mathbf{X}^+ , which contains all solutions of the equation within the subbox \mathbf{X} , and wherein the size of the new subbox \mathbf{X}^+ is less than or equal to the size of the subbox \mathbf{X} .